

Three New Species of the Japanese Microlepidoptera

By TOSIRÔ YASUDA¹⁾

ADELIDAE

Nematopogon distincta n. sp. (Fig. 1)

♂ 19-21mm., ♀ 19-20mm. Head wholly clothed with greyish straw-coloured hairs, face white. Antennae ♂ over 2, slender, whitish annulated with straw-yellow; ♀ $1\frac{5}{6}$. Thorax yellowish-grey. Shape of forewing as is *schwarziella*; light shining yellowish-brown, conspicuously strigulated brownish-grey: cilia yellowish-brown, white on dorsum. Hindwings pale purplish-yellow, pellucid: cilia light shining yellow.

Genitalia ♂ (figs. 5-7) Uncus with emarginated tip. Socii small, round-oval. Valva long, very broad at base; a row of comb teeth along the dorsum, and small spine near the tip. Transtilla strong, with a pointed knob in middle. Aedoeagus with a curved hook and two slender curved apical crochets.

This species is closely allied to the European *schwarziella* differing only in the most conspicuous "gitter werk" and in the size.

Honsyû (Kinki)-Nose, near Osaka, 27 IV 1951 (S. ISSIKI & A. MUTUURA) 4♂♂, 1♀; -Mt. Iwawakisan, South frontier of Osaka Prefecture, 350-700m., 29 IV 1953 (S. ISSIKI) 2♂♂, 2♀♀; -Kyôto, Yase, 16 IV 1952 (A. MUTUURA) 4♀♀; -Nara, Mt. Kasugayama, 5 IV 1956 (T. YASUDA) 1♂: (Kantô)-Asakawa, near Tôkyô, 15 IV 1949 (S. ISSIKI) 1♂; -Mt. Takaosan, near Tôkyô, 3 V 1949 (H. INOUE) 2♂♂. (Sikoku)-Kôti, Kamigun, 7 IV 1950 (S. ISSIKI) 1♂.

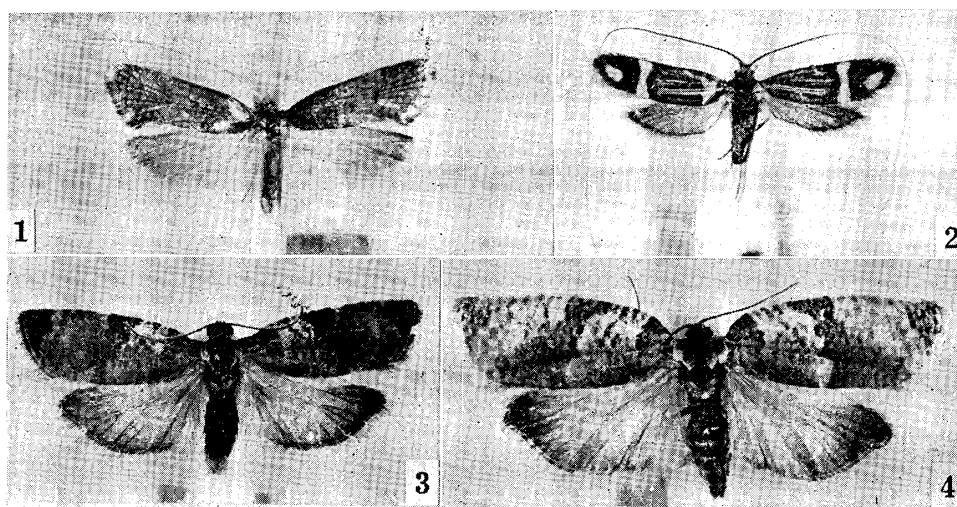


Fig. 1. *Nematopogon distincta* n. sp. ♂. Fig. 2. *Nemophora japan-alpina* n. sp. ♂.
Fig. 3. *Philedonides magnata* n. sp. ♂. Fig. 4. *Philedonides magnata* n. sp. ♀.

Nemophora japan-alpina n. sp. (Fig. 2)

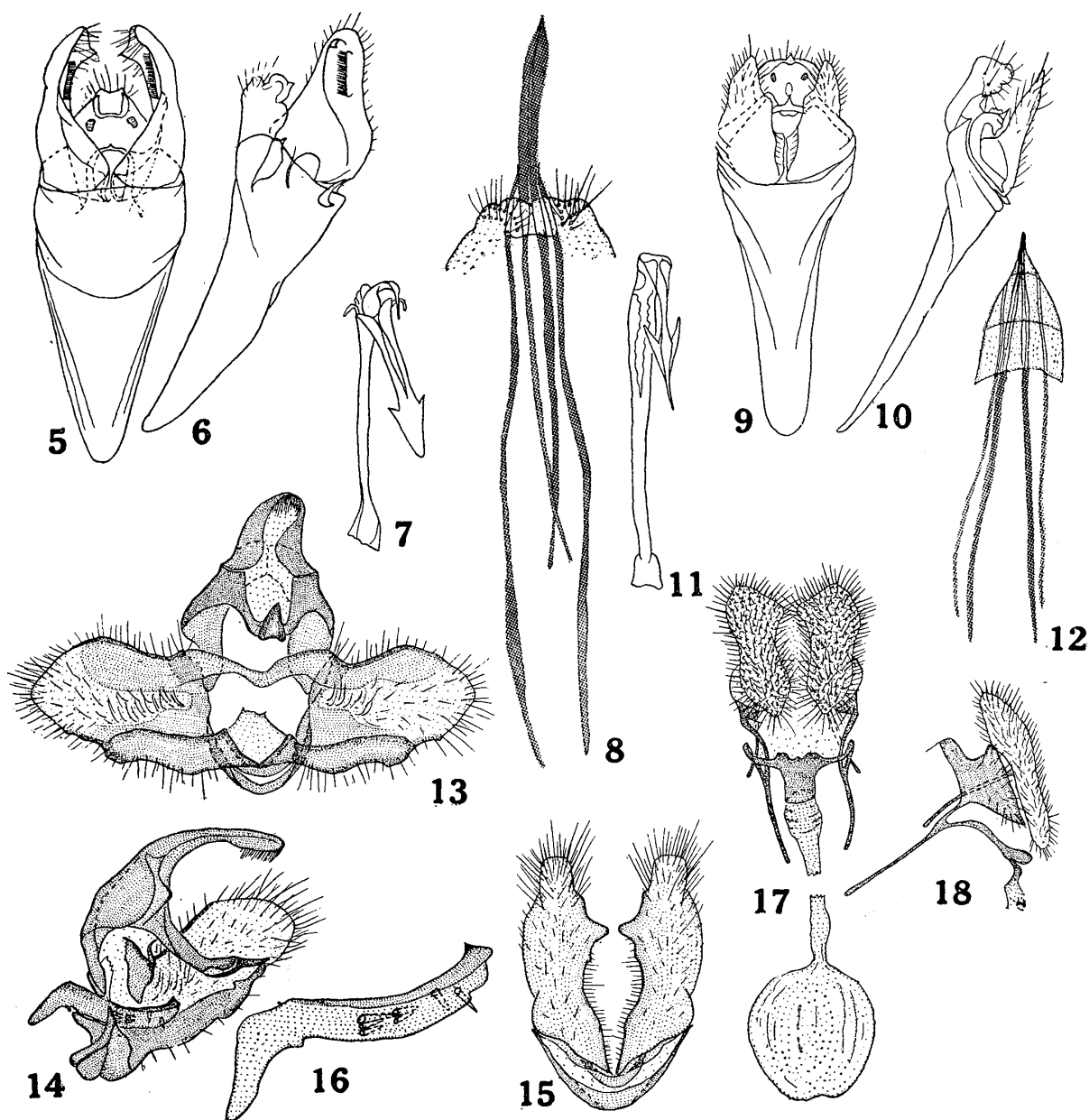
♂ 10-14mm., ♀ 10-12mm. Head clothed with yellowish-brown hairs. Antennae ♂, over 2, slender, yellowish-fuscous becoming dark fuscous towards base; ♀ $1\frac{1}{4}$. Thorax and abdomen dark yellowish-fuscous. Forewings elongate, rather narrow, costa gently arched, apex pointed, termen hardly rounded, very oblique; dark fuscous with cupreous reflections, a light shining yellow fascia at $\frac{3}{5}$, slightly outwardly oblique; basal area before the fascia crossed by some faint yellow streak, a light shining yellow elongate oval patch along termen: cilia dark fuscous. Hindwings dark purplish-fuscous.

In some specimens, the forewings more yellowish, striation of basal half as is European *degeerella*, a semilunar yellowish patch between fascia and terminal patch.

Genitalia ♂ (figs. 9-11) Tegumen sharply pointed at the tip. Socii small, round-oval. Valva very broad at base, cucullus small, obtusely pointed. Transtilla broad, median projection long.

Honsyû, Central mountain ranges (Japan alps)-Mt. Sirouma-dake, 2933m., 20 VII 1918 (S. ISSIKI)

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Figs. 5-8.—*Nematopogon distincta* n. sp. (5) ♂ genitalia, ventral view; (6) ♂, lateral view; (7) ♂ aedeagus; (8) ♀ genitalia, ventral view. Figs. 9-12.—*Nemophora japan-alpina* n. sp. (9) ♂ genitalia, ventral view; (10) ♂, lateral view; (11) ♂, aedeagus; (12) ♀ genitalia, ventral view. Figs. 13-18.—*Philedonides magnata* n. sp. (13) ♂ genitalia; (14) ♂, lateral view; (15) ♂, ventral view; (16) ♂, aedeagus; (17) ♀ genitalia; (18) ♀, lateral view.

2♂♂, 15 VII 1953 (T. KODAMA) 3♂♂, 1♀, 22 VII 1955 (T. YASUDA) 3♂♂, 1♀;—Mt. Norikura-dake, 3026m., 28 VII 1954 (T. KODAMA & T. YASUDA) 2♂♂;—Mt. Ontake, 3063m., 3 VIII 1953 (A. MUTUURA) 20♂♂, 2♀♀.

TORTRICIDAE

Philedonides magnata n. sp. (Fig. 3, 4)

♂ 18-22mm., ♀ 21-27mm. Antennae evenly ciliated in male; greyish-fuscous. Palpi short, narrow, porrected, rather smooth, medial joint scarcely dilated at apex, terminal joint subacute smooth; greyish-fuscous. Head dark brownish cinereous. Thorax dark greyish-brown. Forewings, ♂ without costal

fold; grey, a basal patch, central fascia, and apical patch dark greyish-brown, having inconspicuous strigulated with greyish-brown among them; the basal patch is wider on the dorsum than on the costa, with three black spots along outer edge, the central fascia is oblique from the middle of the costa to the dorsum before the tornus, the apical patch, beginning on the costa at four-fifth from the base, is diffused along the termen and is accompanied by some black spots; cilia dark grey. Hindwings greyish-brown; cilia grey.

Genitalia ♂ (figs. 13-16) Tegumen broad, rather short. Valva narrower than the other species. Transtilla a broad band, curved and indented in middle. Aedoeagus slightly curved, with a blunt point above orifice. Cornuti seven single small spines.

♀ (figs. 17-18) Ductus bursae simple and unarmed, extraordinary long. Bursa copulatrix small and rounded, signum absent.

Central Japan (Sinano)-Siga-Kôgen Heights, 1400m., 13 V 1953 (A. MUTUURA) 5♂♂, 6♀♀; 12-17 V 1956 (A. MUTUURA & T. KODAMA) 5♂♂, 8♀♀: Katayama, Gifu Prefecture, 10 IV 1920 (K. TAKEUCHI) 1♂: (Kantô)-Mt. Takaosan, 9 V 1926 (S. HIRAYAMA) 2♀♀.

要 約

この報告では日本産ヒゲナガガ科の2新種 *Nematopogon distincta* ウスキヒゲナガ, *Nemophora japan-alpina* タカネヒゲナガとハマキガ科の1新種 *Philedonides magnata* ハイジロハマキとを記載した。

- 1) *distincta* は絹光沢のある黄褐色の地色に、暗色のこまかい格子模様のある翅を持つやや大型の種で4月上旬—5月上旬、高地の杉林の近くで採集される。
- 2) *japan-alpina* は暗褐色の上に銅粉をちりばめた地色に、基部から3/5の所に一本の明るい黄色の横線と、外縁に沿って長楕円形の黄色の斑紋とがある翅の小型の種で、日本アルプスのお花畑やハイマツの上で採集出来る。時には、いくつかがかたまって舞っていることもある。
- 3) *magnata* は灰色の地色に、灰褐色の basal patch, central fascia, apical patch のある翅を持つやや大型の種で5月長野県の志賀高原で採集されたものである。尚、昼に活潑に飛ぶのはるの蛾が多く、夜間燈火に来るのは♀が多い様である。

ヒメキシタヒトリについて

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Remarks on Japanese Races of *Parasemia plantaginis* (LINNÉ) (Arctiidae)

By SIGERU MORIUTI

ヒメキシタヒトリ *Parasemia plantaginis* (LINNÉ) はヨーロッパから日本にかけて広く分布し、又北米にも産し、非常に多くの race に分けられている。それらの race 間の問題については色々の論議が行われている。日本産のものは従来より *P. plantaginis macromera* (BUTLER) として取扱われてきた。最近井上寛及び小林洋両氏 (Tinea, 3 (1-2): 138, 1956) は本州産の黒化型の標本にもとづき *P. plantaginis japonica* を記載し、北海道の race (*macromera*) と区別した。然し *macromera* に相当する race は本州、北海道共に認められる。

ここに筆者は本州産及び北海道産の *macromera*, ならびに本州産の *japonica* について記し、併せて Berchtesgaden (西独南東部) 及び Hohe Tauern (オーストリア西部地方) より得られた中央ヨーロッパ産の1つの race を紹介する。

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